

Focus Area 14: Immunization and Infectious Diseases

Objective 14-17 calls for reduction in the age-adjusted hospitalization rate for peptic ulcer diseases to 46.0 per 100,000 population.

Hospital discharge data indicate a statistically significant decline in age-adjusted hospitalization rates for peptic ulcers, from 64.2 per 100,000 population in 2000 to 52.7 per 100,000 in 2005 (Figure 14-17, Table 14-17). Although these rates are declining significantly, they remain significantly higher than the target set in the HP2010 objective.

Peptic ulcer hospitalization rates for males are significantly greater than the rates for females (60.9 per 100,000 males in 2005 versus 45.2 per 100,000 females). Although rates are declining significantly for both genders, this HP2010 objective is not being achieved for either males or females as of 2005.

Examined by race and ethnicity, the highest peptic ulcer hospitalization rates were found for Blacks/African Americans (significant decline from 89.2 per 100,000 in 2000 to 69.1 per 100,000 in 2005). The next highest rates were found for Asians/Pacific Islanders (significant decline from 71.3 per 100,000 in 2000 to 58.1 per 100,000 in 2005), followed by Whites (significant decline from 59.0 per 100,000 in 2000 to 50.7 per 100,000 in 2005), and by Hispanics/Latinos (significant decline from 60.0 per 100,000 in 2000 to 48.5 per 100,000 in 2005). The lowest rates were found for American Indians/Alaska Natives (significant decline from 29.6 per 100,000 in 2000 to 11.1 per 100,000 in 2005), and this is the only race-ethnic population for whom this objective was being achieved.

For more information on peptic ulcer diseases, visit the CDHS Infectious Diseases Branch Web site at:

<http://www.dhs.ca.gov/ps/dcdc/dsb/disbindex.htm>

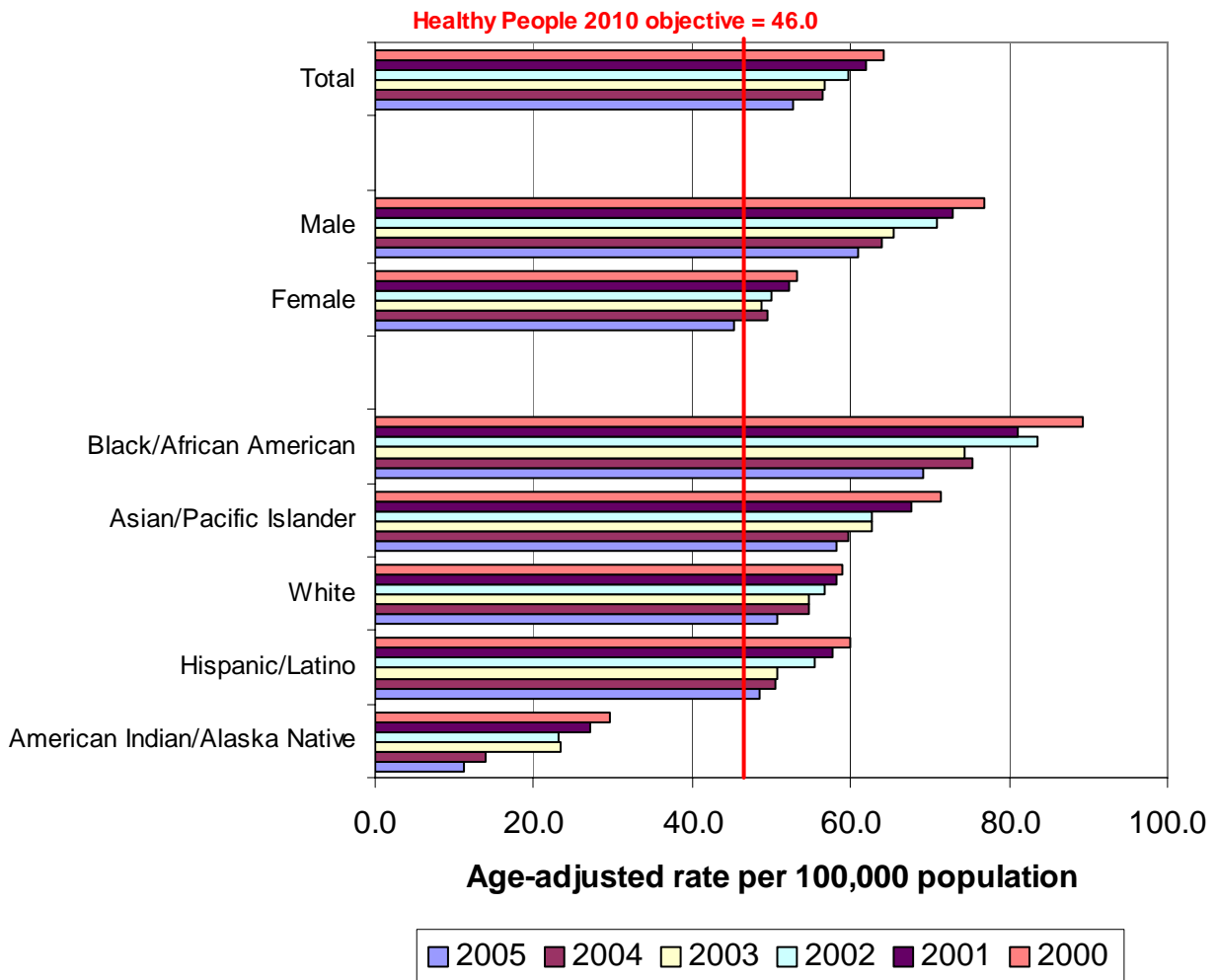
For more information on Healthy People 2010 objective 14-17, please visit:

http://www.healthypeople.gov/Document/HTML/Volume1/14Immunization.htm#_Toc494510239

and

<http://www.healthypeople.gov/Document/html/tracking/od14.htm>

Figure 14-17
Peptic Ulcer Hospitalization Rates
California, 2000-2005



**Table 14-17: Peptic Ulcer Hospitalization Rates
California, 2000-2005**

Objective 14-17	2000		Lower C.I.	Upper C.I.	2001		Lower C.I.	Upper C.I.
	N	Rate ¹			N	Rate ¹		
Healthy People 2010 Target		46.0				46.0		
Statewide Total	19,481	64.2	63.3	65.1	19,458	62.0	61.1	62.9
Race-Ethnicity								
American Indian/Alaska Native	44	29.6	20.4	38.8	47	27.0	18.9	35.0
Asian/Pacific Islander	2,239	71.3	68.2	74.3	2,288	67.6	64.8	70.4
Black/African American	1,581	89.2	84.7	93.7	1,498	81.1	76.9	85.3
Hispanic/Latino	3,183	60.0	57.7	62.4	3,241	57.6	55.4	59.8
White	11,529	59.0	57.9	60.0	11,598	58.3	57.2	59.3
Gender								
Female	8,973	53.2	52.1	54.3	9,101	52.3	51.2	53.4
Male	10,508	76.8	75.3	78.2	10,356	72.9	71.5	74.3
Objective 14-17	2002		Lower C.I.	Upper C.I.	2003		Lower C.I.	Upper C.I.
	N	Rate ¹			N	Rate ¹		
Healthy People 2010 Target		46.0				46.0		
Statewide Total	19,441	59.8	59.0	60.7	18,972	56.7	55.9	57.5
Race-Ethnicity								
American Indian/Alaska Native	46	23.1	16.2	30.1	55	23.5	17.1	29.9
Asian/Pacific Islander	2,242	62.8	60.2	65.4	2,334	62.7	60.1	65.2
Black/African American	1,596	83.5	79.3	87.7	1,467	74.4	70.5	78.2
Hispanic/Latino	3,367	55.5	53.5	57.6	3,269	50.7	48.8	52.6
White	11,437	56.6	55.5	57.6	11,188	54.7	53.6	55.7
Gender								
Female	8,996	50.1	49.0	51.1	8,964	48.7	47.7	49.7
Male	10,445	70.8	69.4	72.2	10,008	65.5	64.2	66.8
Objective 2-10	2004		Lower C.I.	Upper C.I.	2005		Lower C.I.	Upper C.I.
	N	Rate ¹			N	Rate ¹		
Healthy People 2010 Target		46.0				46.0		
Statewide Total	19,177	56.4	55.6	57.2	18,267	52.7	51.9	53.5
Race-Ethnicity								
American Indian/Alaska Native	37	14.0	9.5	18.6	29	11.1	7.1	15.2
Asian/Pacific Islander	2,335	59.8	57.4	62.3	2,384	58.1	55.8	60.5
Black/African American	1,537	75.4	71.6	79.1	1,454	69.1	65.6	72.7
Hispanic/Latino	3,433	50.5	48.8	52.2	3,485	48.5	46.9	50.1
White	11,221	54.8	53.8	55.9	10,322	50.7	49.7	51.7
Gender								
Female	9,206	49.4	48.4	50.4	8,557	45.2	44.2	46.2
Male	9,971	64.0	62.7	65.2	9,710	60.9	59.7	62.1

SOURCES: Office of Statewide Health Planning and Development, Patient Discharge Data, 2000-2005;
CA Department of Finance, Demographic Research Unit, *Population Projections by Race/Ethnicity for California and Its Counties 2000-2050*, May 2004.

NOTES: * ICD-9-CM codes 531 - 534 as a Principal Diagnosis;

¹ Age-adjusted rate per 100,000 population.